

INFORMATION REPORT

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Czecho-Polish Military Optical Standardiza-
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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
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1. Plans for the Optical Industry for 1948.

The State Optical Industry is planning to carry out the production of optical equipment in 1948 to the value of 14,556,000 zloty (at 1937 values).

2. 1947 Production.

1947 Production was as follows:

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|---|-----------------------------------|
| Technical glass - | 36 tons |
| Laboratory glass - | 46 tons |
| Optical glass - | 16 tons |
| Pressed semi-manufactured lenses for spectacles - | 880,000 |
| Completed spectacle lenses | - 600,000 |
| Spectacle frames | 220,000 |
| Wall clocks | 6,210 |
| Miscellaneous clocks | 5,500 |
| Alarm clocks | 22,500 |
| Water meters | 25,000 |
| Gas meters | 8,400 |
| Manometers and spring thermometers | 14,145 |
| Ordinary thermometers | 3,995 |
| Table scales | 4,050 |
| Surgical instruments to the value of | 1,200,000 zlotys (pre-war value). |

The value of this production amounted to 8,500,00 zloty (at 1937 values).

3. Development of Optical Precision Instrument Industry.

The Optical Precision Instrument Industry is now starting on the production of prismatic field glasses weighing 400 gr., made of an especially light "electron" alloy. Plans include the production of 600 field-glasses and 500 epidiascopes. Plans are also being made for the production of type-writers and optical medical equipment.

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CENTRAL INTELLIGENCE AGENCY

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4. Polska Wytwornia Optyczna (Polish Optical Factory) at Jelenia Gora (Hirschberg).

The best factory producing optical precision equipment is the Wytwornia Optyczna in Jelenia Gora. This plant has worked out a new method for producing light signals for the lighting up of take-off runways on airfields. The PWO (Polska Wytwornia Optyczna) is already making sets of such lighting installations for Polish airports. A set is composed of lights built into the surface of the take-off runways. The lamps made by the PWO are watertight and strong enough to withstand the weight of landing aircraft. The PWO has also been producing sets of colored glasses for railway signals.

5. The State Optical Works at Warsaw.

The State Optical Works employs 400 people. This figure is to be increased to 1,000 during 1948. War damage has to a very great extent been repaired. 67 machines which were removed to Germany during the war have been returned to the factory. All kinds of optical instruments, including microscopes, magnifying glasses, spectacle lenses, planktoscope prisms, and field glasses and lenses, are being produced. At present the factory is making 30,000 sets of lenses (Linsensätze) [redacted]

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6. Polish-Czech Agreement on Standardization of Military Optical Instruments.

At the direction of Soviet authorities an agreement has been made between Poland and Czechoslovakia by which all optical instruments for military purposes are to be standardized. The administration of this work is being carried out in the Polish town of Wenowiec in Silesia under the direction of Engineer Jan Wyk.

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